

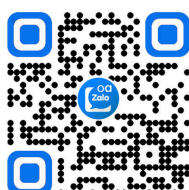


www.npower.com.vn

Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER**

Bản quyền nội dung thuộc về công ty **Hanyoung Nux**

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CERTIFICATE OF CONFORMITY

Low Voltage Directive 2014/35/EU

Certificate No.	4790255635.2
Product	Switches for Appliances (Push-button Switch)
Model /Type ref.	Models HY f/b -P, -R, -L, or PR, f/b 70, f/b 1, 4, 7, or 8, f/b A, B, C, or D
Holder of Certificate	HanYoung Nux Co., Ltd. 28, Gilpa-ro 71beon-gil, Michuhol-gu, Incheon, 22121, Korea
Manufacturer	P T HANYOUNG ELECTRONIC INDONESIA JL. JANGARI RT.03 RW.02 HEGARMANAH KECAMATAN SUKALUYU KABUPATEN CIANJUR INDONESIA
Trade Mark	
Electrical Rating	10 A GP, 250 V ac, 50/60 Hz, 10T80, 6E3
Insulation Class	Class I
Degree of Protection	IP40
Additional Information	N/A

This is to certify that the sample(s) of the Product described above has been investigated and is presumed to be in conformity with the applicable safety objectives set out in Annex I of the Directive 2014/35/EU on the basis of compliance with the following harmonised standards:

Standard(s): EN IEC 61058-1:2018, EN 61058-1-1:2016

Detailed specifications of the tested and certified product are shown in the following Test Report:

Test Report Ref. No.: E158885-4790255635-1, Issued Date: 2023-12-15 By: UL Solutions
E158885-4790255635-2

The standard(s) above is listed in harmonized standards of Official Journal of the European Union and apply to the sample of product submitted by the manufacturer for conformity assessment for safety objectives, excluding the analysis and assessment of risk(s) and the manufacturing process and its monitoring. This certificate and the relevant test results apply only to the product sample(s) submitted by the manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured products. This certificate is to serve as a supplement to technical documents which established by the manufacturer according to Annex III of the directive. The manufacturer shall draw up a written EU declaration of conformity for a product model and keep it together with the technical documentation at the disposal of the national market surveillance authorities for 10 years after the electrical equipment has been placed on the market. The EU declaration of conformity shall identify the electrical equipment for which it has been drawn up.

This document contains 1 page.

Date: 2023-12-15

Signature:



JaeHan Bae
Senior Engineering Manager
Conformity Assessment Services

UL Solutions
26th FL, Gangnam Finance Center,
152 Teheran-Ro, Gangnam-Gu,
Seoul 135-984 Korea



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2327690-0
Report Reference E158885-20230728
Date 14-Aug-2023

Issued to: HANYOUNG NUX CO LTD
28, Gilpa-ro 71beon-gil, Michuhol-gu
Incheon, Incheon 22121
Republic of Korea

This is to certify that representative samples of WOYR8 - Switches, Appliance and Special Use Certified for Canada - Component
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CAN/CSA-C22.2 No. 61058-1:17, Edition: 3, Issue Date: 2017-11-03, Revision Date: 2021-06-30

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services
UL LLC




Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2327690-0
Report Reference E158885-20230728
Date 14-Aug-2023

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
HY Series, HY f/b -P, -R, -L, or PR, f/b 70, f/b 1, 4, 7, or 8, f/b A, B, C, or D	Appliance Switch


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2332176-0
Report Reference E158885-20230728
Date 14-Aug-2023

Issued to: HANYOUNG NUX CO LTD
28, Gilpa-ro 71beon-gil, Michuhol-gu
Incheon, Incheon 22121
Republic of Korea

This is to certify that representative samples of WOYR2 - Switches, Appliance and Special Use - Component
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 61058-1, Edition: 5 ,Issue Date: 2017-11-3 , Revision Date: 2021-6-30

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Deborah Jennings-Conner

Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2332176-0
Report Reference E158885-20230728
Date 14-Aug-2023

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
HY Series, HY f/b -P, -R, -L, or PR, f/b 70, f/b 1, 4, 7, or 8, f/b A, B, C, or D	Appliance Switch



Deborah Jennings-Conner

Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



안전인증서 Safety Certificate

안전인증번호: HU02119-20052B
(Certificate No.)

제조업자/수입업자명: PT.Hanyoung Electronic Indonesia
(Manufacturer/importer)

주 소: JL. JANGARI RT.03 RW.02 KEL. HEGARMANAH KEC. SUKALUYU
(Address) KEB. CIANJUR INDONESIA

제 품 명: 전기기기용 스위치(마이크로스위치)
(Product)

기본모델명: HY-P701A
(Basic Model)

파생모델명 (Series Model):

HY-L707A

HY-L707C

HY-P701B

HY-P701D

HY-PR708B

HY-L707B

HY-L707D

HY-P701C

HY-PR708A

이면기재

정격/안전기준상의 모델구분: 250 V~, 10 A
(Rating)

시험기준: K 61058-1(2007-12)
(Standard)

본 인증서는 제조국명: 인도네시아

제조업자명: PT.Hanyoung Electronic Indonesia

제조공장의 주소: JL. JANGARI RT.03 RW.02 KEL. HEGARMANAH KEC. SUKALUYU
KEB. CIANJUR INDONESIA

의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.

We issue this Safety Certificate for the above appliances in accordance with the Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.



2021 년 03 월 09 일
(Year) (Month) (Day)

한국기계전기전자시험연구원
Korea Testing Certification Institute



※ 이 인증서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류	1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components)	
	2. 기본모델 · 파생모델의 내용 (Descriptions of the basic and series model)	
	3. 안전인증의 변경 현황 (Revisions Status)	

HY-R704-2W
HY-R704B

HY-R704A
HY-R704C

IC TC

기술 문서 Technical Document

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안전인증번호: HU02119 -20052B
(Certificate No)

접수번호: 20210217 - 0065
(Receipt No)

1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구분(Section)	내 용 (Description)
용도 (Normal use)	전기기기용스위치(마이크로스위치)
내부구조 (Internal construction)	첨부 안전관리 부품 및 절연 재질로 구성됨
외부구조 (External construction)	-
기타(Others)	기관이전: KTL에서 KTC(SU02033-10007)

1.2 전기용품의 표시: 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.
(Marking of KC Mark: Marking shall comply with the Article 20 of the Enforcement Rule of the
Electrical Appliances and Consumer Products Safety Control Act.)

1.3 등록모델 (Registered Models)

구 분 (Class)	모 델 명 및 정 격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	HY-P701A 250 V~, 10 A	
파생모델 (Series model)	HY-P701B	구조상이(스프링 단 누름 버튼형)
	HY-P701C	구조상이(핀 누름 버튼형)
	HY-P701D	구조상이(스프링 스탠더 누름 버튼형)
	HY-R704A	구조상이(한지 롤러 단 레버형)
	HY-R704B	구조상이(한지 롤러 중 레버형)
	HY-R704C	구조상이(한지 롤러 레버형)
	HY-R704-2W	구조상이(2단 롤러 레버형)



기 술 문 서

Technical Document

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안전인증번호: HU02119 -20052B
(Certificate No)

접수번호: 20210217 - 0065
(Receipt No)

	HY-L707A	구조상이(단 레버형)
	HY-L707B	구조상이(중 레버형)
	HY-L707C	구조상이(한지 레버형)
	HY-L707D	구조상이(특장 레버형)
	HY-PR708A	구조상이(세로 롤러 패널 부착형)
	HY-PR708B	구조상이(롤러 패널 부착형)



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접수번호: 20210217 - 0065
(Receipt No)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
외곽재질	Xeion	PF31	Phenol	-
외곽재질	KOLON PLASTIC INC	KN3321G15V0	Polyamide(Nylon66)	-
외곽재질	KOLON PLASTIC INC	KN212G30V0	PBT	-

기술문서 Technical Document

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안전인증번호: HU02119 -20052B
(Certificate No)

접수번호: 20210217 - 0065
(Receipt No)

3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2020/06/19	기관이전(Certification Body Transferred)
2021/03/09	공장소재지변경(Factory Address)
	JL. JANGARI RT.03 RW.02 KEL. HEGARMANAH KEC. SUKALUYU KEB. CIANJUR INDONESIA

4. 기타(Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated. Should the contents of Certificate are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

- 2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제11조에 따라 안전인증이 취소될 수 있습니다.

If Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

- 3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

- 4) 조건부 인증사항 (Conditional certification items):





中国国家强制性产品认证证书

证书编号: 2012010305522871

委托人名称、地址

韩荣电子有限公司

JL. JANGARI RT. 03 RW. 02 HEGARMAHA KECAMATAN SUKALUYU KABUPATEN CIANJUR,
INDONESIA

生产者(制造商)名称、地址

韩荣电子有限公司

JL. JANGARI RT. 03 RW. 02 HEGARMAHA KECAMATAN SUKALUYU KABUPATEN CIANJUR,
INDONESIA

生产企业名称、地址

韩荣电子有限公司

JL. JANGARI RT. 03 RW. 02 HEGARMAHA KECAMATAN SUKALUYU KABUPATEN CIANJUR

产品名称和系列、规格、型号

微动开关

HY-P701, HY-R704, HY-L707, HY-PR708;
Ui: 300V; Ith: 15A; Ue/le: AC250V/10A, AC125V/15A; AC-15

产品标准和技术要求

GB/T14048.5-2008

上述产品符合强制性产品认证实施规则 CNCA-C03-02:2014 的要求,
特发此证。

发证日期: 2018 年 01 月 18 日 有效期至: 2021 年 12 月 28 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书为变更证书, 证书首次颁发日期: 2012 年 01 月 17 日

本证书的相关信息可通过国家认监委网站 www.cnca.gov.cn 查询



主任:



中国质量认证中心



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO.: 2012010305522871

NAME AND ADDRESS OF THE APPLICANT

HANYOUNG ELECTRONIC INDONESIA PT
JL.JANGARI RT.03 RW.02 HEGARMANAH KECAMATAN SUKALUYU KABUPATEN CIANJUR,
INDONESIA

NAME AND ADDRESS OF THE MANUFACTURER

HANYOUNG ELECTRONIC INDONESIA PT
JL.JANGARI RT.03 RW.02 HEGARMANAH KECAMATAN SUKALUYU KABUPATEN CIANJUR,
INDONESIA

NAME AND ADDRESS OF THE FACTORY

HANYOUNG ELECTRONIC INDONESIA PT
JL.JANGARI RT.03 RW.02 HEGARMANAH KECAMATAN SUKALUYU KABUPATEN CIANJUR

PRODUCT NAME, MODEL AND SPECIFICATION

Micro Switch
HY-P701,HY-R704,HY-L707,HY-PR708; Ui:300V;Ith:15A;Ue/Ie:AC250V/10A,AC125V/15A;AC-
15

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB/T14048.5-2008

This is to certify that the above mentioned product(s) complies with the requirements of
implementation rules for compulsory certification(REFNO.CNCA-C03-02:2014).

Valid from: Jan.18,2018

Valid until: Dec.28,2021

The validity of the certificate is subject to positive result of the regular follow up
inspection by issuing certification body until the expiry date.

Date of original issued: Jan.17,2012

The certificate information is available through CNCA's website: www.cnca.gov.cn



President:

Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE